

GCGCAGAAAGGGCAGACCCGAGCGCGCTCCATCCCTTGGCCCTCCAGTGCTGCTTTGC 60
 TCCGCACCATGAACCACTTCTCAAGCCTTCATCACCGCTGCCAGTGGAGGACAGCCCC 120
 M N H T S Q A F I T A A S G G Q P P
 CAACTACGAAAGAAATCAAGGAAGAAATATCAGGTGGCTGAGATGGGGGCACCGCACGGAT 180
 N Y E R T K E E Y E V A E M G A P H G S
 CGGCTTCTGTGAGAACTACGTGATCAACATGCCAGAGAGGTGTGGGTGGCTGACCATG 240
 A S V R T T V I N M P R E V S V P D H V
 TGGTCTGGTCCCTGTTCATAACACTCTTCATGAACCTTCGCTGCCCTGGGCTTCATAGCCT 300
 V W S L F N T L F M N F C C L G F I A Y
 TMI
 ATGCTACTCCGIGAAGTCTAGGATCGGAATGGTGGGTGATGTGACTGGAGGCCAGG 360
 A Y S V K S R D R K M V G D V T G A Q A
 CCTACGCCCTCCACTGCTAAGTGGCTGAACATCAGCACCTTGGTCCCTCAGCATCTGATGG 420
 Y A S T A K C L N I S T L V L S I L M V
 TMII
 TTGTTATCACCATTGTTAGTGTATCATCATGTGTTCTTAACGCTCAAAACCTTCACACTT 480
 V I T I V S V I I I V L N A Q N L H T *
 AATAGAGGATTCCGACTTCCGGTCCCTGAAGTGCCTTCACCCTCCGCAGCTGGGTCCCTCCT 540
 TGGCCCTCCCTACAGCAGGTGTAACTCATTTATCTATCCACAGTGGATTCAATAAG 600
 TGCACTTGATAACCACC

FIGURE 1

FIGURE 2



Figure 3



Figure 4

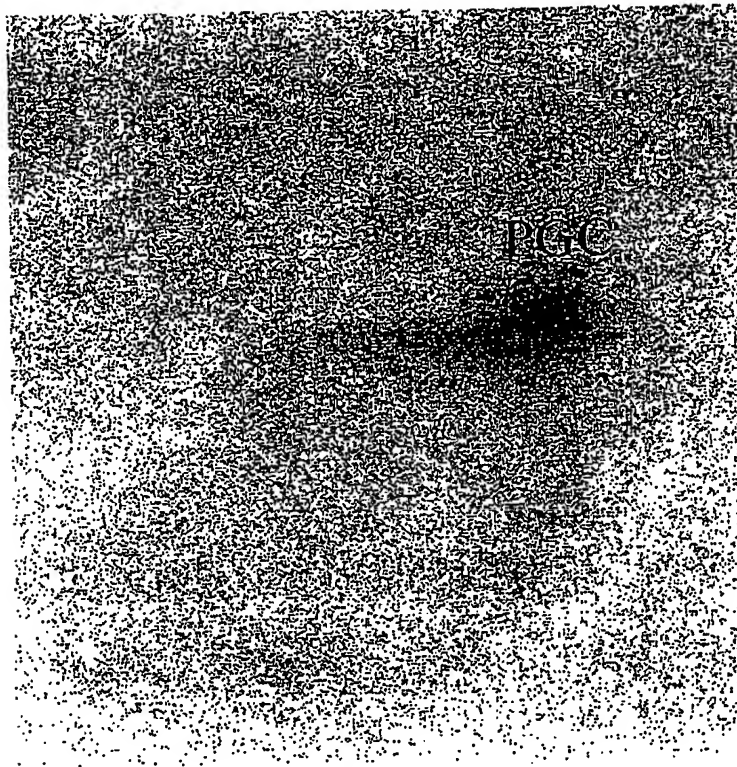


Figure 5

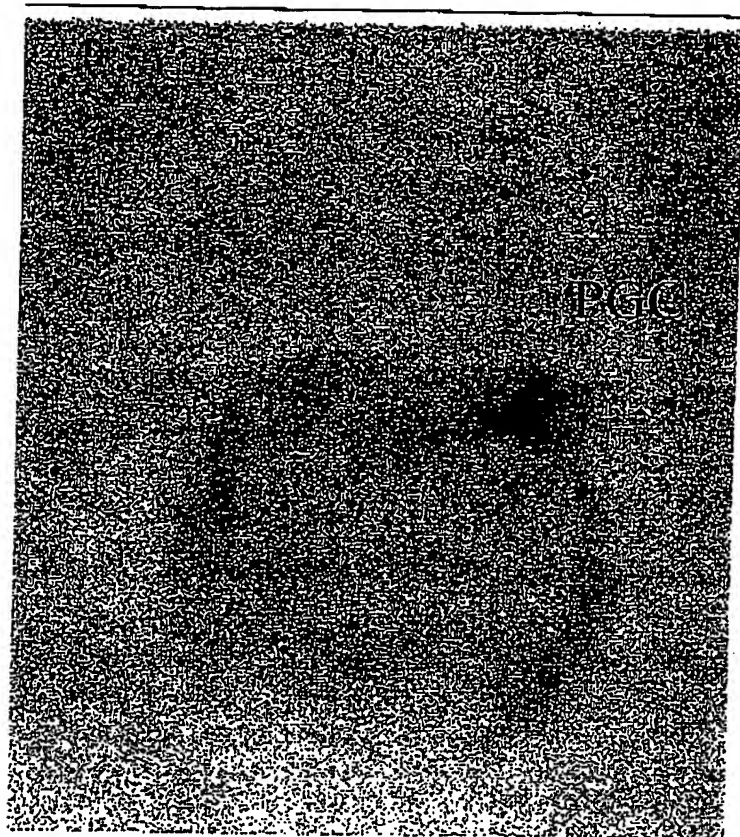


Figure 6

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FIGURE 7

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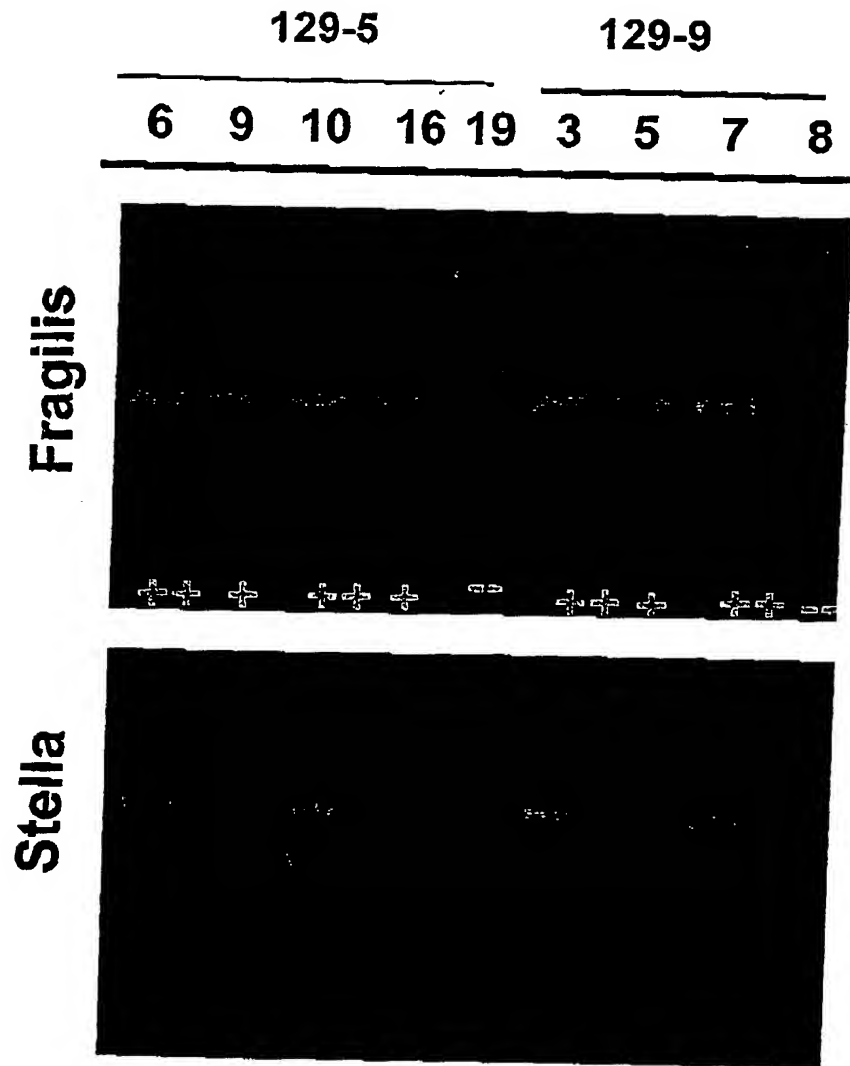


Figure 8A

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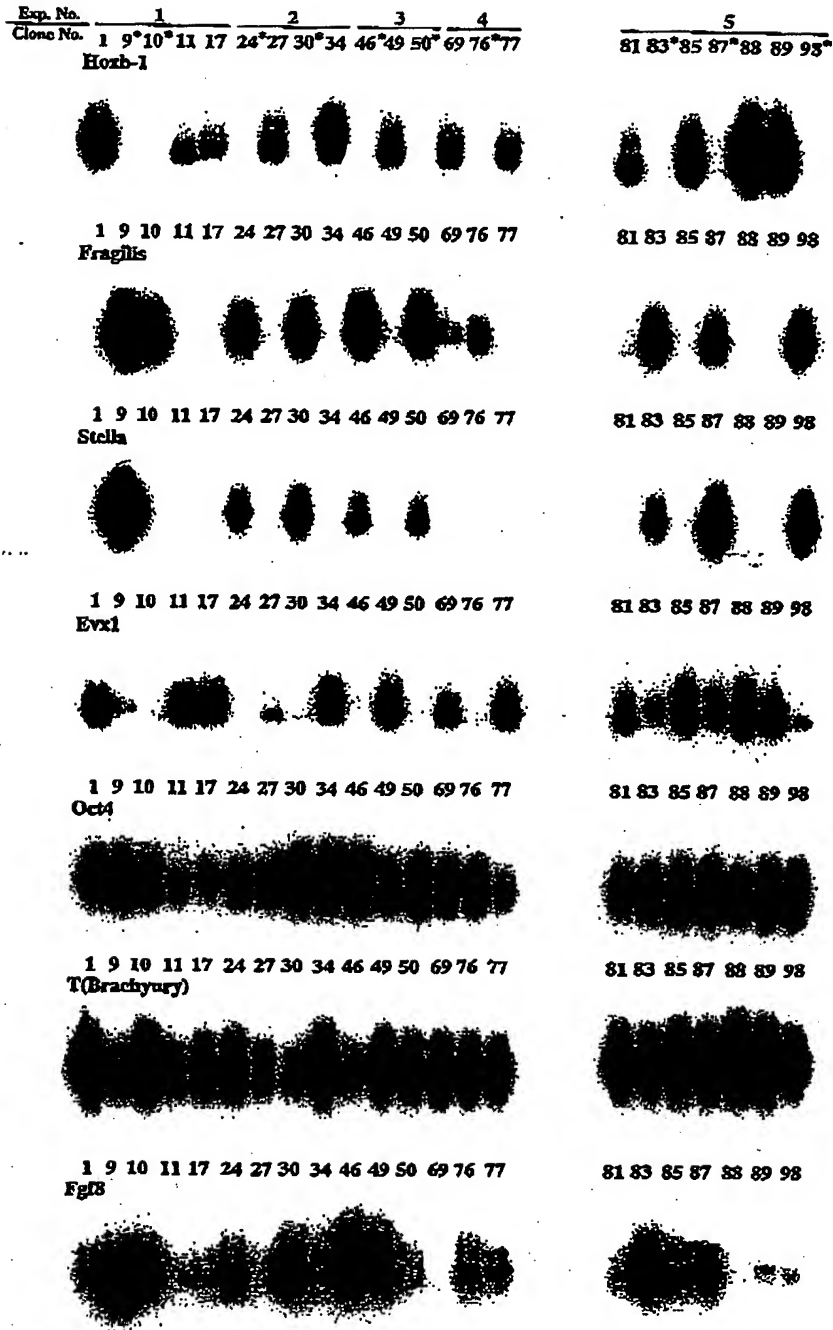
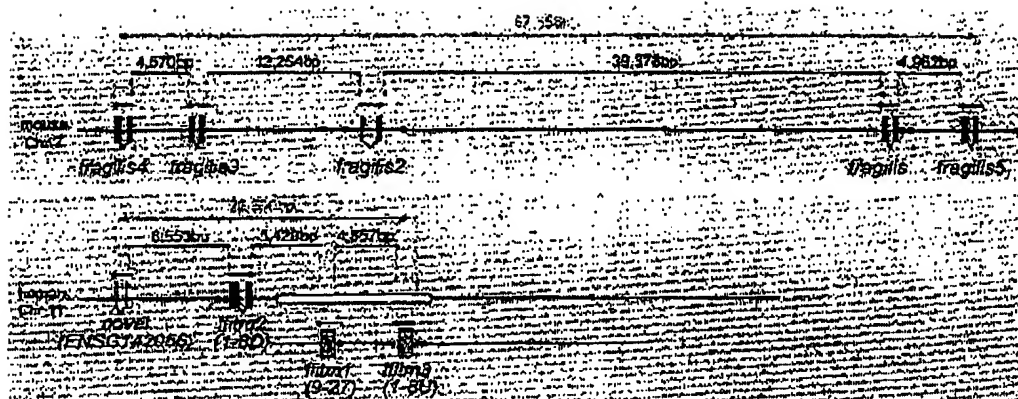


Figure 8B

FIGURE 9

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fragilis (mouse)
fragilis 2 (mouse)
fragilis 3 (mouse)
fragilis 4 (mouse)
fragilis 5 (mouse)
fibre 1 (mouse)
fibre 2 (mouse)
fibre 3 (mouse)
normal (mouse)
9-6U (cow)
9-27 (cow)
P23376 (rat)
JC1241 (rat)
NP110468 (rat)
A0403070 (rat)

fragilis (mouse)
fragilis 2 (mouse)
fragilis 3 (mouse)
fragilis 4 (mouse)
fragilis 5 (mouse)
fibre 1 (mouse)
fibre 2 (mouse)
fibre 3 (mouse)
normal (mouse)
9-6U (cow)
9-27 (cow)
P23376 (rat)
JC1241 (rat)
NP110468 (rat)
A0403070 (rat)

fragilis (mouse)
fragilis 2 (mouse)
fragilis 3 (mouse)
fragilis 4 (mouse)
fragilis 5 (mouse)
fibre 1 (mouse)
fibre 2 (mouse)
fibre 3 (mouse)
normal (mouse)
9-6U (cow)
9-27 (cow)
P23376 (rat)
JC1241 (rat)
NP110468 (rat)
A0403070 (rat)

fragilis (mouse)
fragilis 2 (mouse)
fragilis 3 (mouse)
fragilis 4 (mouse)
fragilis 5 (mouse)
fibre 1 (mouse)
fibre 2 (mouse)
fibre 3 (mouse)
normal (mouse)
9-6U (cow)
9-27 (cow)
P23376 (rat)
JC1241 (rat)
NP110468 (rat)
A0403070 (rat)

FIGURE 10



FIGURE 11

FIGURE 12



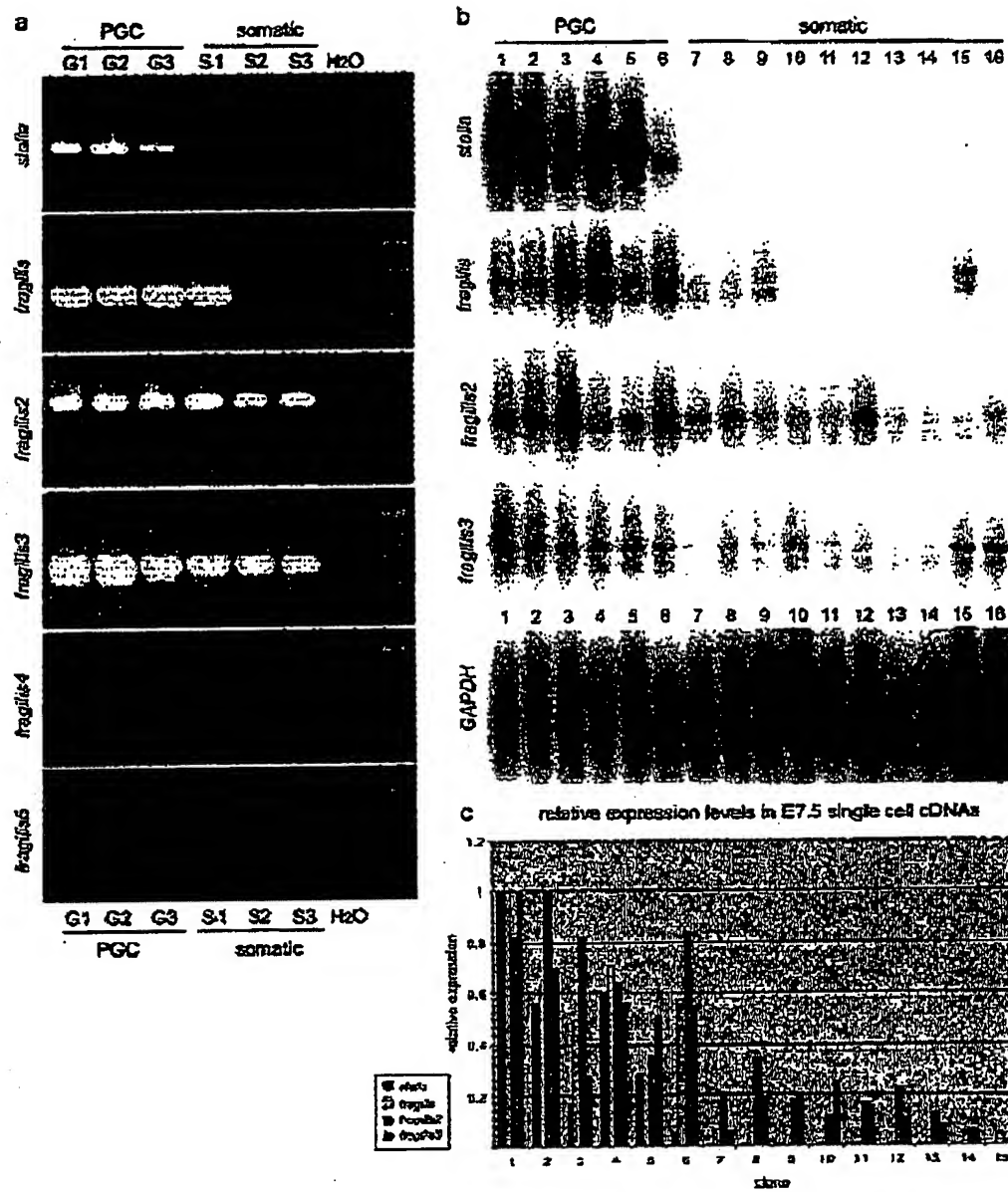
FIGURE 13

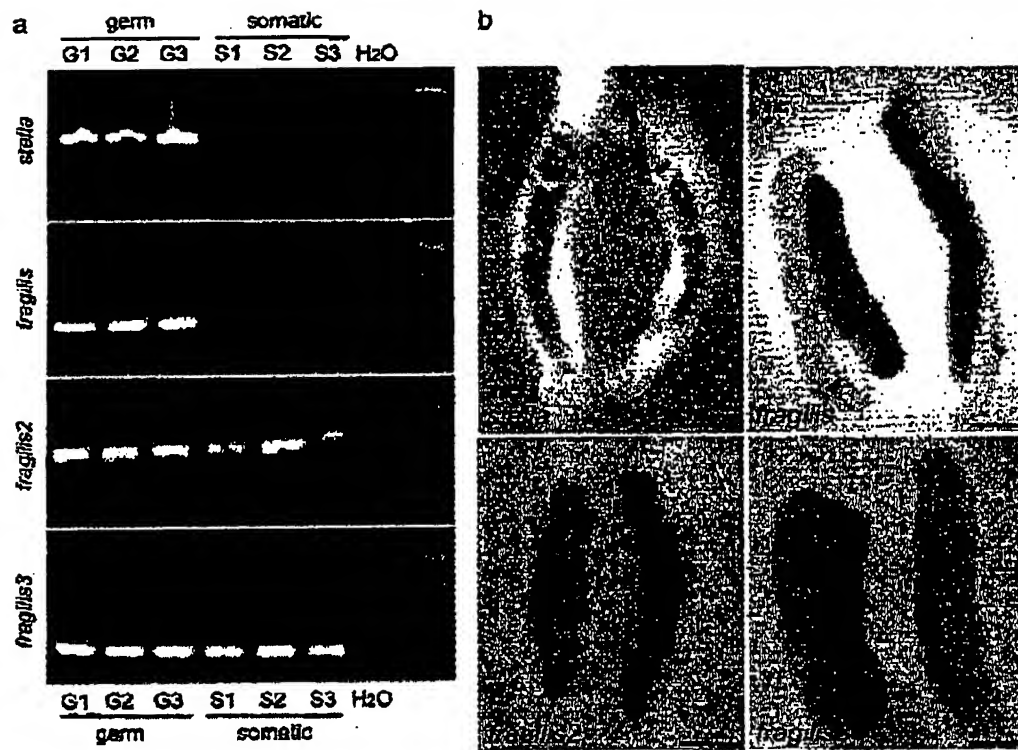
FIGURE 14

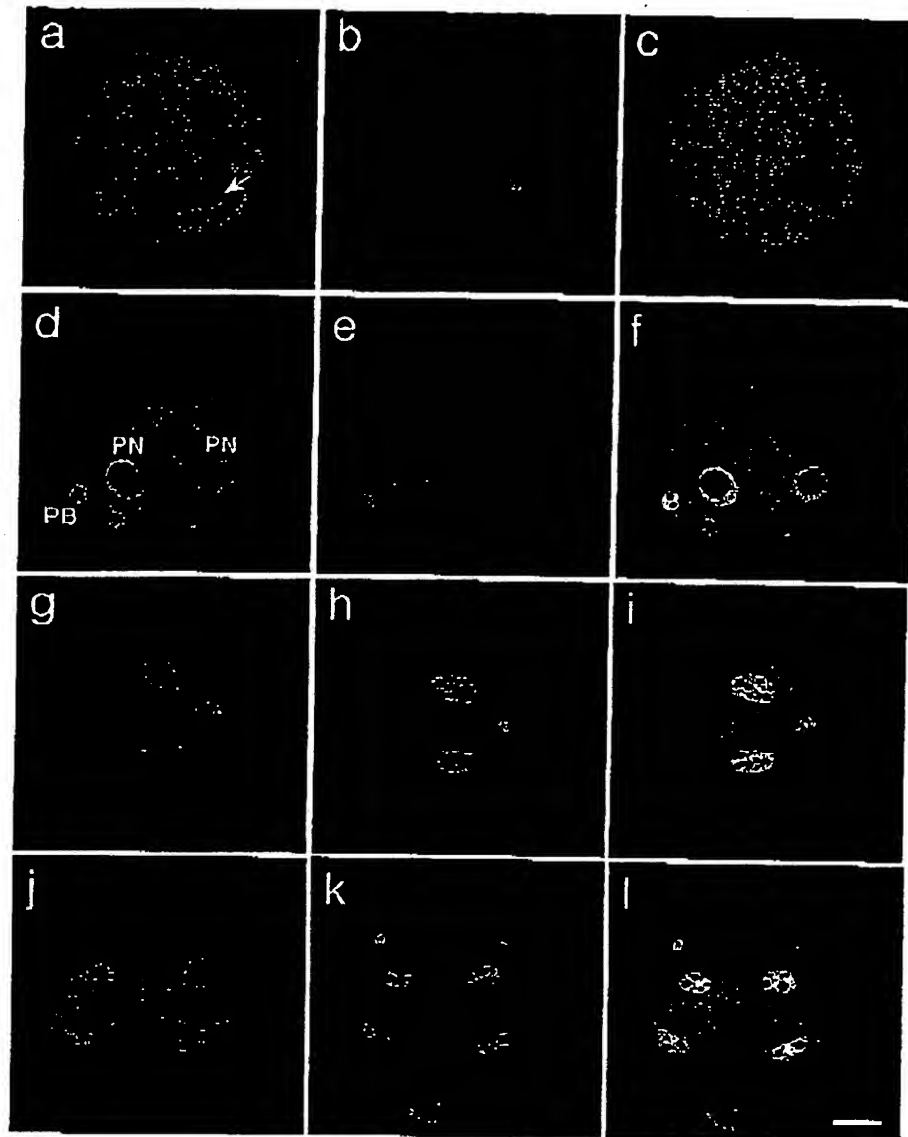
FIGURE 15

FIGURE 15 continued

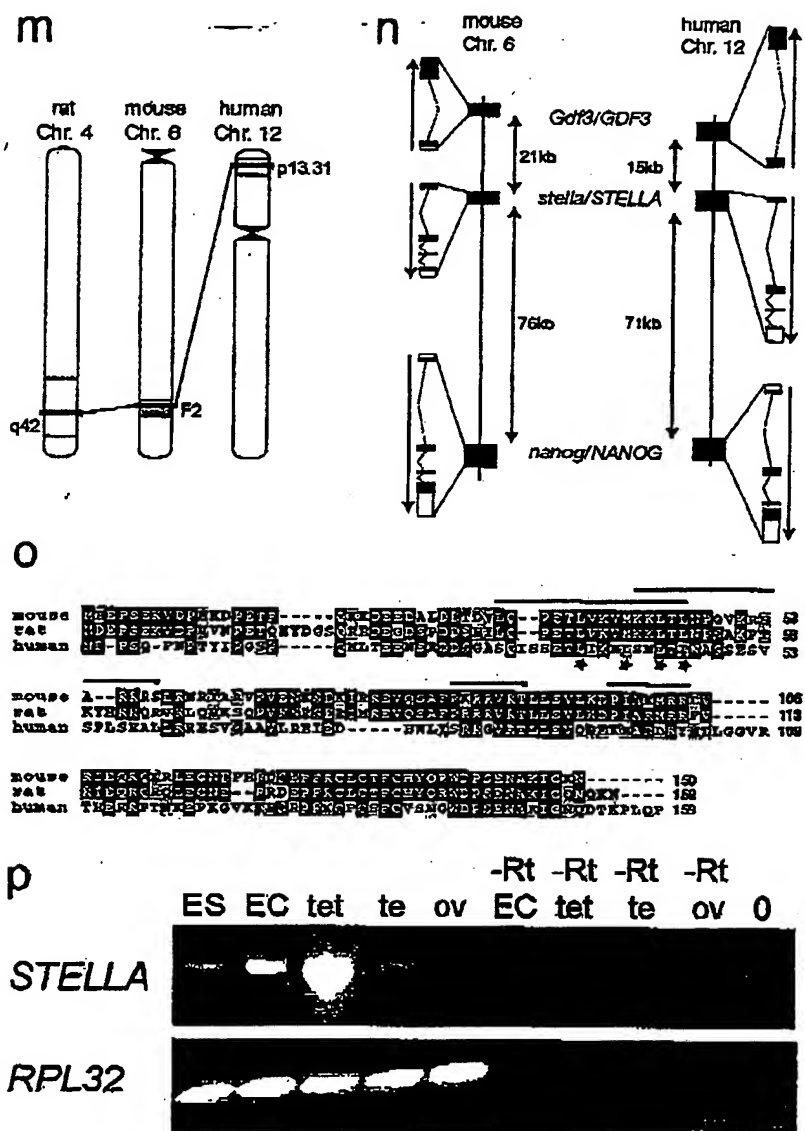
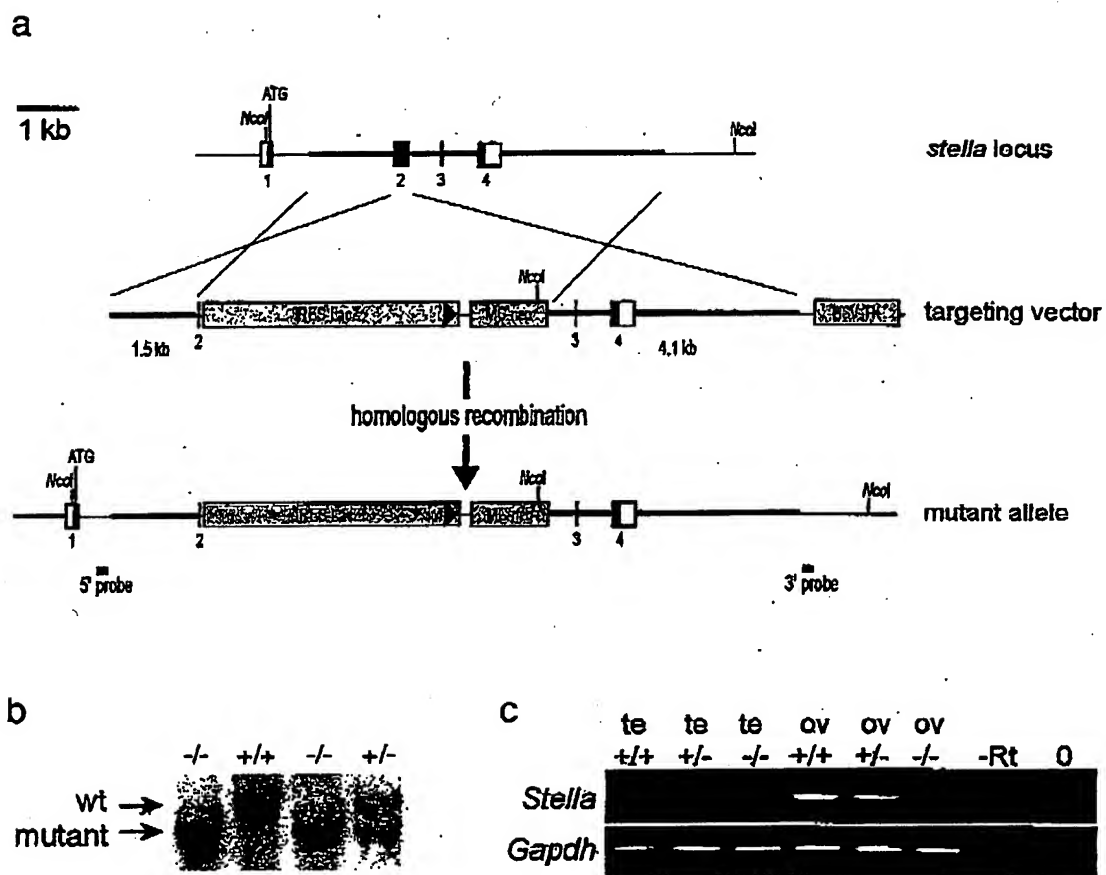


FIGURE 16.

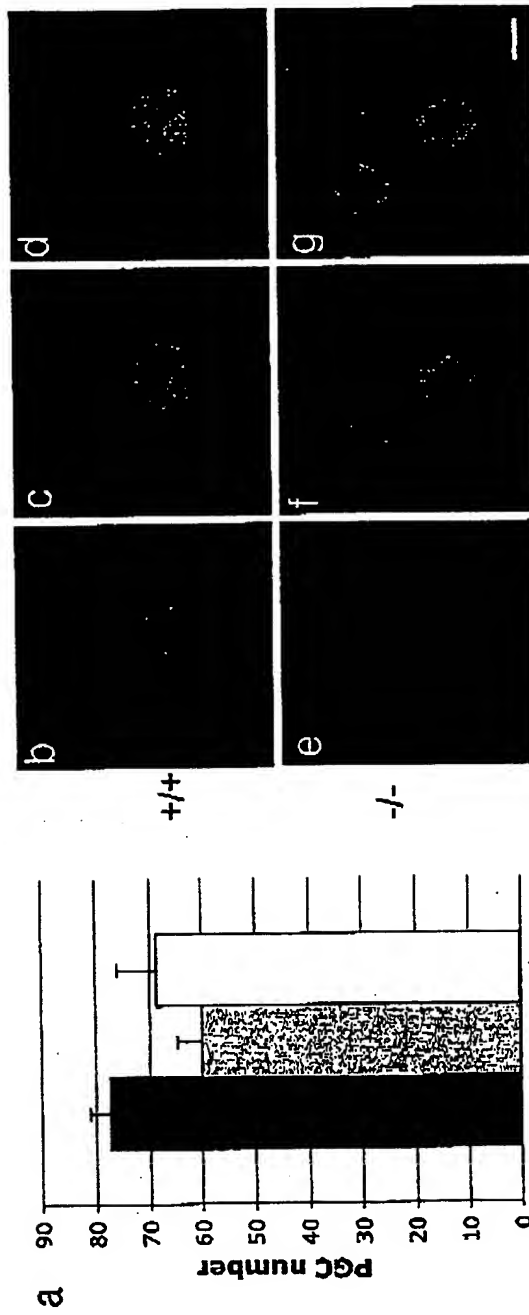


FIGURE 17

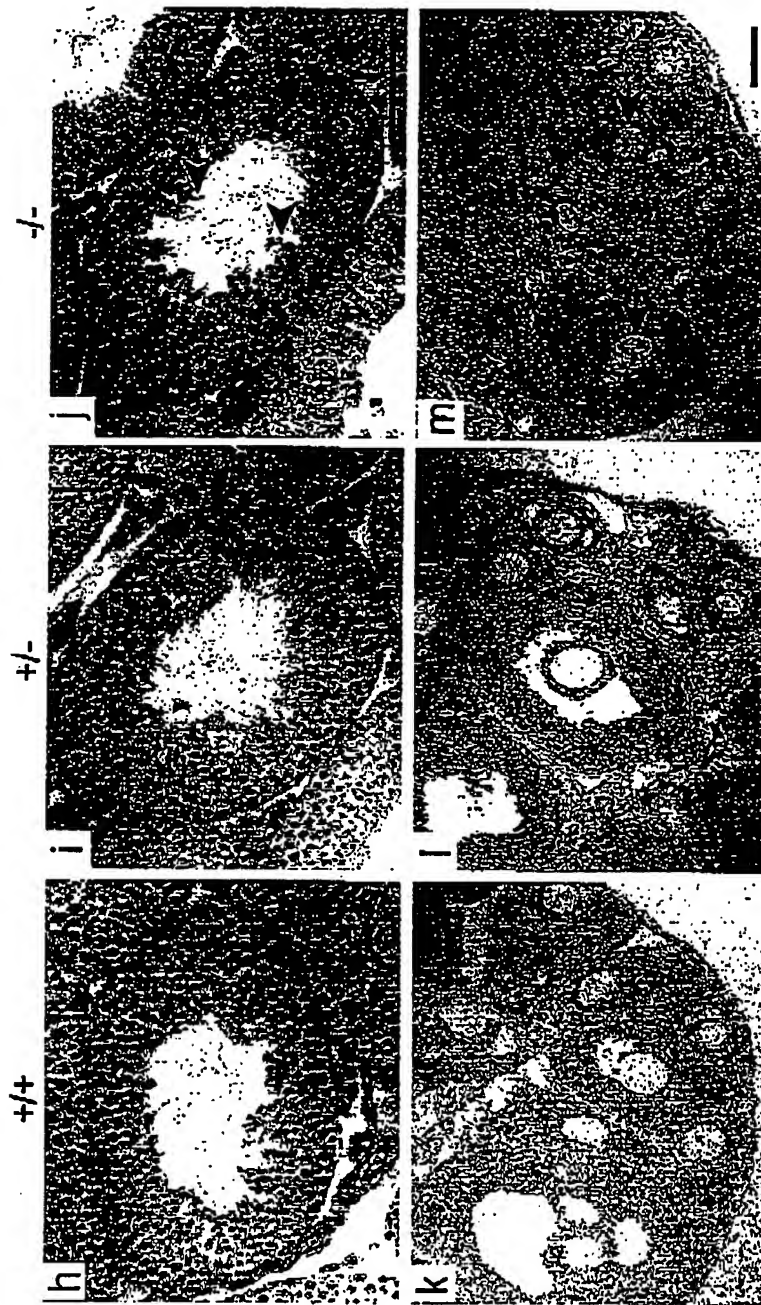
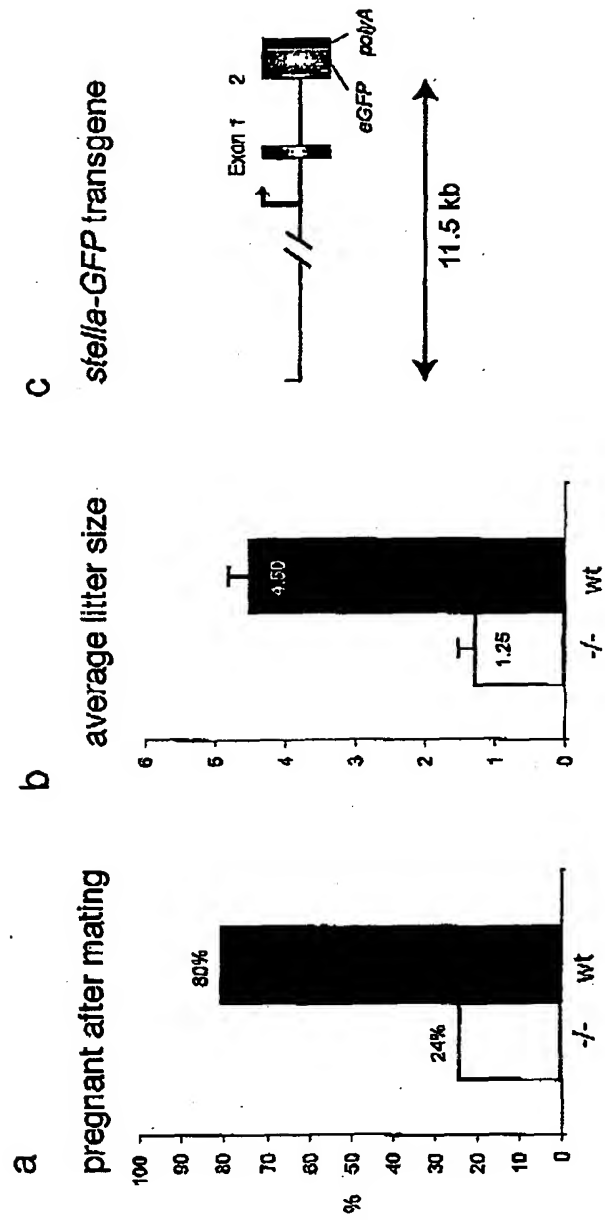


FIGURE 17 continued

**FIGURE 18**

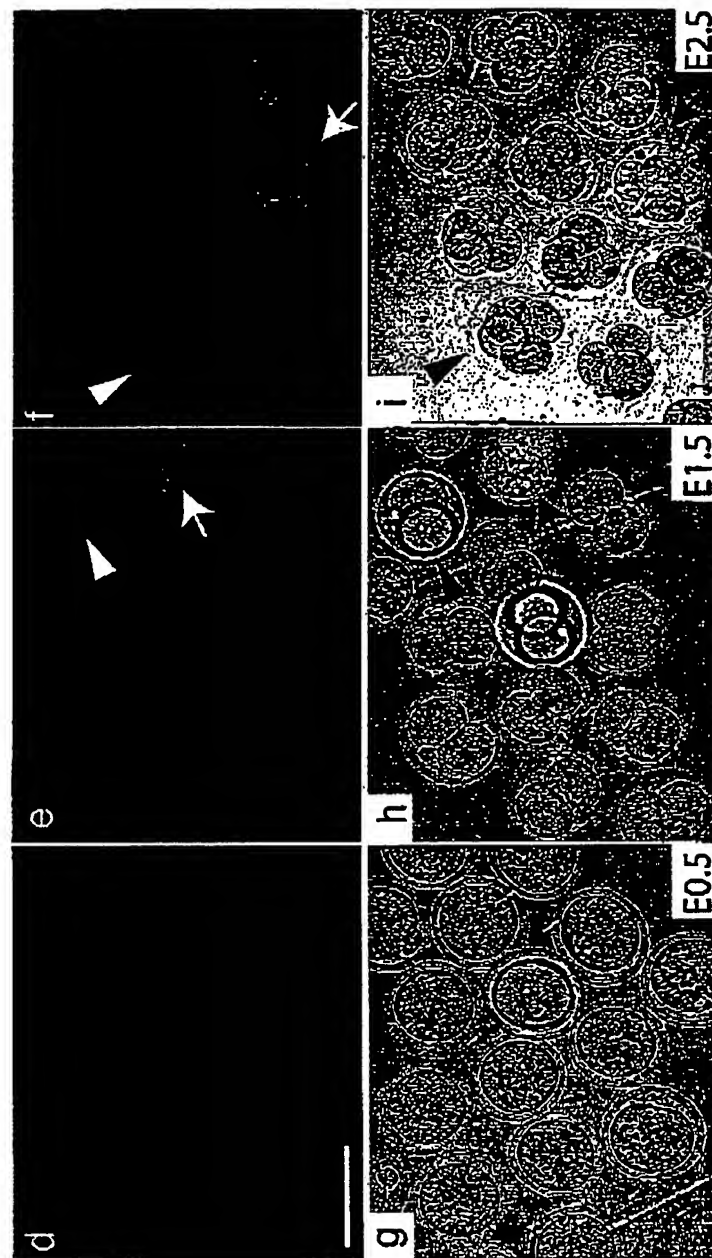


FIGURE 18 continued

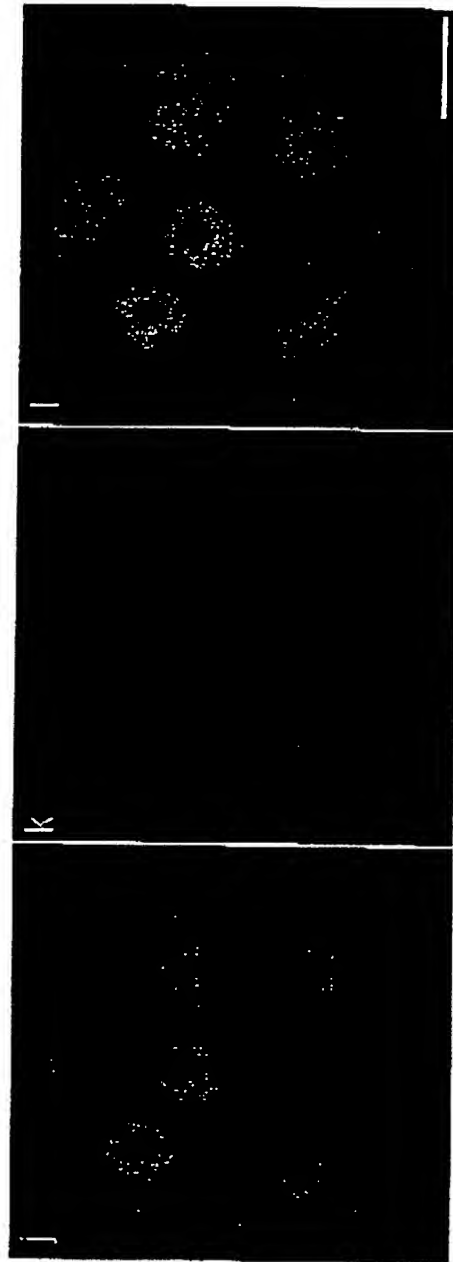


FIGURE 18 continued

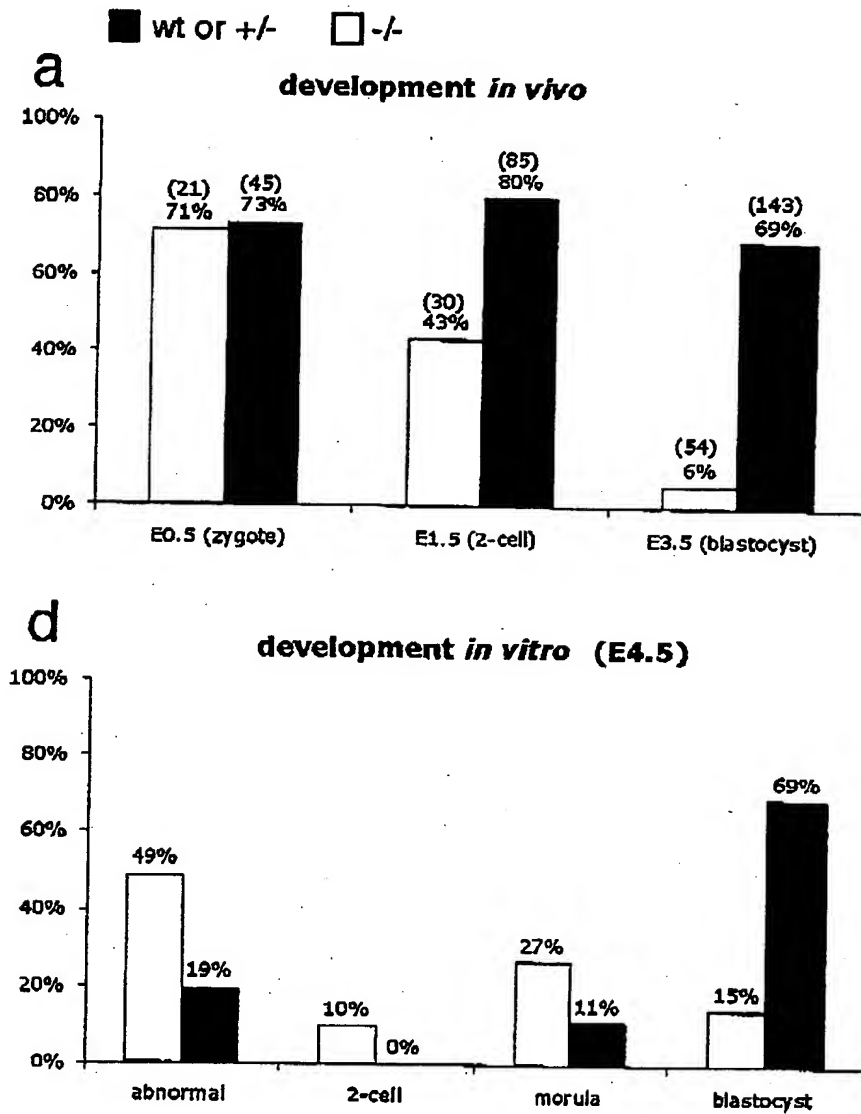
FIGURE 19

FIGURE 19 continued